



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: K. Karhu  
Serial No.: 10/705,800  
Cust. No.: 33123  
Filed: November 10, 2003  
For: *DUAL-MODE RESONATOR*  
Art Unit: Not yet assigned  
Examiner: Not yet assigned

**CERTIFICATE OF MAILING BY "EXPRESS MAIL"**

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I hereby certify that this correspondence and the attached papers are being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" under 37 C.F.R. § 1.10 on the date indicated below and are addressed to:

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

1/12/04  
Date

**AMENDMENT AND REQUEST FOR RECONSIDERATION**

Mail Stop Non-Fee Amendment  
U.S. Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In advance of the first examination in the above-identified patent application, Applicants request amendment in accordance with 37 C.F.R. § 1.121, as follows:

**Amendments to the Specification** begin on Page 2 of this paper.

**Amendments to the Drawings** begin on Page 3 of this paper.

**Remarks** begin on Page 4 of this paper.

An **Appendix** including an amended drawing figure is attached following Page 4 of this paper.



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TRANSMITTAL LETTER

Commissioner for Patents  
US Patent and Trademark Office  
PO Box 1450  
Alexandria, VA 22313

Sir:

Transmitted herewith is a Preliminary Amendment for filing in connection with the above-identified application. Because this Preliminary Amendment is filed prior to receipt of a first office action on the merits in the above-referenced application, no fee is due. However, should it be determined that a fee for filing these papers is required, the Commissioner is authorized to charge Deposit Account No. 50-1213, as stated below:

[ X ] The Commissioner is hereby authorized to charge any fees that may be due under 37 C.F.R. §§1.16-1.17 in connection with this paper or with this application during its entire pendency to Deposit Account No. 50-1213. A duplicate of this sheet is enclosed.

Respectfully submitted,  
HELLER, EHRMAN, WHITE & McAULIFFE LLP

By: David A. Hall  
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Attorney Docket No.: 21860-6147B  
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